

Product datasheet for SC213171

NFX1 (NM_002504) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFX1 (NM_002504) Human 3' UTR Clone
Symbol:	NFX1
Synonyms:	NFX2; TEG-42; Tex42
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002504
Insert Size:	1209 bp
Insert Sequence:	>SC213171 3'UTR clone of NM_002504

The sequence shown below is from the reference sequence of NM_002504. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATAATTGACTATTTTACGTCAGGACTAAGAAGATCATGATGCACTTAGATAAAAGAATGATTAGGTA
TAGTGGAGACTTATTTGCCAGCAGATAAATCATGCCCGTTCCCTCTGCCTGGCAGAATCACAGTCTCA
CATACTGTCTTGTACTGACACATCCAAAGCATGAGTGTGTCAGAAATCCCTTGTCTATTCCTGTCTGTA
TAAAGTGTTCATTATGACCAGATCTCTGATTGTATGGTCACTAGGTATGCAATCACGCATTCAAAGAG
GCTCTTTACACCATCACTGTGATTGCTCTGAGAGTTGAGGGACTATTGGGCTTTATTTGGACAAACCAA
ACTTTTAGCCTGAAACCAACTTTATGCCACTAAGTCATAGCCTCAGTTGTCCCAGTTATTTGTCCTCCT
GAAATGCCTGAAACATCAGACAGACATTGCTTGCTTTACCCAACTGATCAAAATCTTTAGGAGCACA
AATGAATTTTTAGTCTGAAATACCAAATAATGAATTGGTATACCATATCCGGAATCACACATGTTATC
TTAAACCCAGCCATCATACCTAAGTCTTTTGC AAAACCTCTCATAGGTATATCTAGCTGAACCTATTT
TGGCATTTCATGTGATCAGTTCTAGACCTAGAAGGGGGTCAGGCTGCTTTACAGAATTCTATTTCTT
TAAGTCCCTGGCACTTCTCATACCACATCACTGAACCTGTTTCAGTAACAATCAGTTTGGCCGTCCCCCA
TGATGGTAGGAAATATAGAGAGCAAGTTCTTCTGCCAGGGTCACACTGTGGTCTCTGAACCTGACCAGTA
TATCCCTAACTCCTCTTTGATAGAGAAAGAGTCTCAAATGGACAACCTGTCCTGTGTGCTTTCCCTAGG
CCTTCAGCAGCCTATTGGCTCTCCTGCTCTGAGCTCTGGACTCTGTTGAATATTCCAAGTAGTATA
TGGACAGTCCAGGGCTTATGCCAGCAGCCCACTGGAGGCATTCTTCAGGCTCCTTTAAGGCAGGTGCA
TTGATAGTTCCATTAGTGTGACCCTTGCAATGGCACCCCTCCAGCCTGGAGGCCAGGCTTCAGCAACT
TCCTTCTGCCCTAGAGCAAGCCATGAGCCCCAGAGCAGTAGCAGGAGACTTGAGAAGTAGAGTGACAAA
AACAAGCACTTAATTAATTAATAAAATTTAACTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_002504.6</u>
Summary:	MHC class II gene expression is controlled primarily at the transcriptional level by transcription factors that bind to the X and Y boxes, two highly conserved elements in the proximal promoter of MHC class II genes. The protein encoded by this gene is a transcriptional repressor capable of binding to the conserved X box motif of HLA-DRA and other MHC class II genes in vitro. The protein may play a role in regulating the duration of an inflammatory response by limiting the period in which class II MHC molecules are induced by IFN-gamma. Three alternative splice variants, each of which encodes a different isoform, have been identified. [provided by RefSeq, Jul 2008]
Locus ID:	4799
MW:	45.7